

**To:** Koglin, Eric[Koglin.Eric@epa.gov]  
**From:** Sayles, Gregory  
**Sent:** Thur 8/13/2015 12:57:52 AM  
**Subject:** Re: Gold King Mine - EU call -- recreational values

Thanks.

Gregory Sayles  
EPA's Homeland Security Research  
513-569-7607 desk-513-305-9984 cell

On Aug 12, 2015, at 8:41 PM, Koglin, Eric <[Koglin.Eric@epa.gov](mailto:Koglin.Eric@epa.gov)> wrote:

Tom  
Bob

Here's the screening level memo we had NCEA folks look at.

Eric

Begin forwarded message:

**From:** "Garrahan, Kevin" <[Garrahan.Kevin@epa.gov](mailto:Garrahan.Kevin@epa.gov)>  
**Date:** August 11, 2015 at 3:53:01 PM PDT  
**To:** "Koglin, Eric" <[Koglin.Eric@epa.gov](mailto:Koglin.Eric@epa.gov)>  
**Cc:** "Sayles, Gregory" <[Sayles.Gregory@epa.gov](mailto:Sayles.Gregory@epa.gov)>  
**Subject: FW: Gold King Mine - EU call -- recreational values**

Eric,

This is the proposed methods for risk-based screening levels. I took a quick look and it appears to be reasonable and protective. But we should try to get a second opinion from toxicologist/risk assessor from NCEA. This issue is being discussed on the call with Mathy right now.

Kevin

**From:** Smith, Terry  
**Sent:** Tuesday, August 11, 2015 5:30 PM  
**To:** Garrahan, Kevin  
**Subject:** Fw: Gold King Mine - EU call -- recreational values

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**From:** Woodyard, Josh  
**Sent:** Tuesday, August 11, 2015 5:17 PM  
**To:** EOC Water; EOC Environmental Unit  
**Cc:** Tingley, Kevin; Smith, Terry  
**Subject:** Fw: Gold King Mine - EU call -- recreational values

Please see below.

**Joshua Woodyard, Associate Director**  
**Preparedness and Response Operations Division (PROD)**  
**Office of Emergency Management**  
**U.S. Environmental Protection Agency**  
**202 564 9588**  
**202 510 4306 (cell)**

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**From:** OBrien, Wendy  
**Sent:** Tuesday, August 11, 2015 5:14 PM  
**To:** Rauscher, Jon; Black, Ned; Graham, Richard; Hiatt, Gerald; Keteles, Kristen; McKean, Deborah; Miller, Johanna; Turner, Philip; Wall, Dan; Woodyard, Josh; Griffin, Susan; Wall, Dan  
**Subject:** Gold King Mine - EU call -- recreational values

All,

As discussed during this morning's call, attached is a recreational scenario that evaluates exposure to children as well as adults. Note that it includes both surface water and sediment screening values. This scenario is more conservative than the recreational scenario for river guides that was distributed a few days ago as it includes children.

Please review asap; we need to know if these values are acceptable to R6 and R9 by 7 pm MT tonight.

Many thanks to Susan Griffin for her help developing these values.

Many thanks to all of you for a quick turnaround on this document.

wo

Wendy O'Brien, DVM, PhD, DABT

Toxicologist, Ecosystems Protection and Remediation

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<Gold King Recreational Screening Levels.docx>